

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 1 PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 4/26/00	4. REQUISITION/PURCHASE REQ. NO. 874-3448	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Transportation Volpe Center, Kendall Square Cambridge, MA 02142		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) To All Offerors		<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. DTRS57-00-Q-80026 <input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 4/25/00 10A. MODIFICATION OF CONTRACT/ORDER NO. 10B. DATED (SEE ITEM 13)		
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

X The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, **X** is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return ____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This Request for Quote (RFQ) is amended as follows:

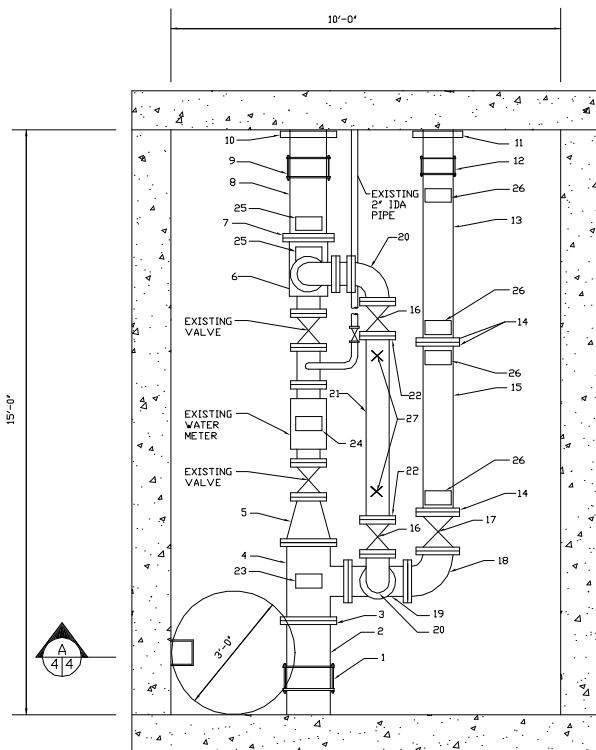
(1) a new set of drawings, Revision A replaces the drawings sent out with the RFQ dated 4/25/00.

(2) please submit your RFQ in two separate parts, Cost data and Technical , submit 2 copies of each.

All other terms and conditions remain the same.

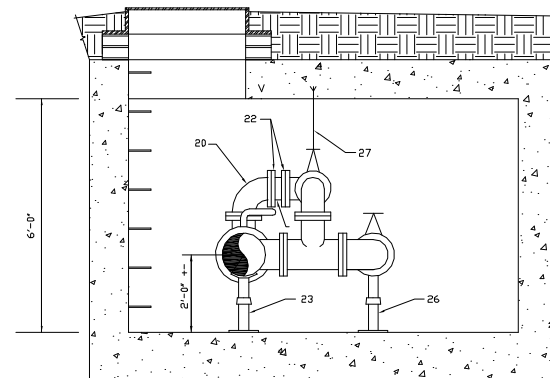
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert M. Nickerson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED



PLAN OF WATER METER VAULT
NEW CONDITIONS
SCALE: 3/4"=1'-0"

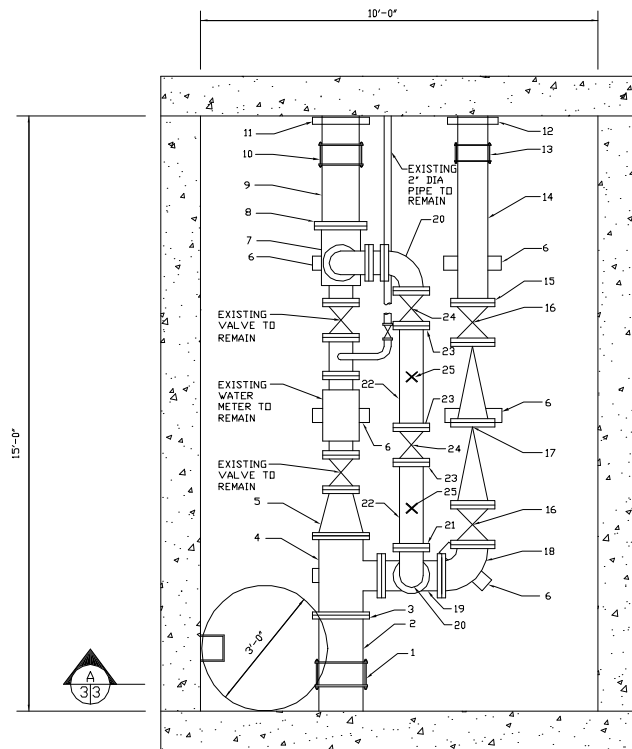
1. NEW FLEXIBLE COUPLING BETWEEN EXISTING CAST IRON PIPE (APPROX 13.96" O.D.) AND NEW DUCTILE IRON PIPE
2. NEW 12" DIA CLASS 53 DUCTILE IRON PIPE, THREADED AT ONE END TO RECEIVE NEW THREADED FLANGE
3. NEW DUCTILE IRON THREADED FLANGE FOR 12" DIA DUCTILE IRON PIPE
4. NEW DUCTILE IRON FLANGE FITTING, 12"x8" TEE, (BOLTED)
5. NEW DUCTILE IRON FLANGE FITTING, 12"x6" REDUCER (BOLTED)
6. NEW DUCTILE IRON FLANGE FITTING, 6"x10" SUDDEN EXPANSION WITH 6" DIA DUCTILE IRON FLANGED OUTLET ON TOP (BOLTED)
7. NEW DUCTILE IRON THREADED FLANGE FOR 10" DIA DUCTILE IRON PIPE
8. NEW 10" DIA CLASS 53 DUCTILE IRON PIPE, THREADED AT ONE END TO RECEIVE NEW THREADED FLANGE
9. NEW FLEXIBLE COUPLING BETWEEN EXISTING CAST IRON PIPE (APPROX 11.14" O.D.) AND NEW DUCTILE IRON PIPE
10. NEW STEEL PIPE CLAMP PROPERLY SIZED FOR 10" DUCTILE IRON PIPE TO PROVIDE AN AXIAL LOAD RESISTANCE OF 2500 LB.
11. NEW STEEL PIPE CLAMP PROPERLY SIZED FOR 8" DUCTILE IRON PIPE TO PROVIDE AN AXIAL LOAD RESISTANCE OF 2500 LB.
12. NEW FLEXIBLE COUPLING BETWEEN EXISTING CAST IRON PIPE (APPROX 9.07" O.D.) AND NEW DUCTILE IRON PIPE
13. NEW 8" DIA CLASS 53 DUCTILE IRON PIPE, THREADED AT ONE END TO RECEIVE NEW THREADED FLANGE
14. NEW DUCTILE IRON THREADED FLANGE FOR 8" DIA DUCTILE IRON PIPE
15. NEW 8" DIA CLASS 53 DUCTILE IRON PIPE, THREADED AT BOTH ENDS TO RECEIVE NEW THREADED FLANGES
16. NEW 6" GATE VALVE (BOLTED)
17. NEW 8" OS&Y GATE VALVE, BOLTED (LOCKED IN THE OPEN POSITION)
18. NEW DUCTILE IRON FLANGE FITTING, 8" DIA 90 DEGREE ELBOW
19. NEW DUCTILE IRON FLANGE FITTING, 8"x6" TEE
20. NEW DUCTILE IRON FLANGE FITTING, 6" DIA 90 DEGREE ELBOW
21. NEW 6" DIA CLASS 53 DUCTILE IRON PIPE, THREADED AT BOTH ENDS TO RECEIVE NEW THREADED FLANGES
22. NEW DUCTILE IRON THREADED FLANGE FOR 6" DIA DUCTILE IRON PIPE
23. NEW ADJUSTABLE PIPE SUPPORT, FOR 12" DIA DUCTILE IRON PIPE (CARPENTER & PATERSON, FIG 101, STEEL WITH STANDARD AND FLANGE AT THE BASE, OR EQUIVALENT)
24. NEW ADJUSTABLE PIPE SUPPORT, CUSTOM SADDLE FOR METER (CARPENTER & PATERSON, FIG 101, STEEL WITH STANDARD AND FLANGE AT THE BASE, OR EQUIVALENT)
25. NEW ADJUSTABLE PIPE SUPPORT, FOR 10" DIA DUCTILE IRON PIPE (CARPENTER & PATERSON, FIG 101, STEEL WITH STANDARD AND FLANGE AT THE BASE, OR EQUIVALENT)
26. NEW ADJUSTABLE PIPE SUPPORT, FOR 8" DIA PIPE (CARPENTER & PATERSON, FIG 101, STEEL WITH STANDARD AND FLANGE AT THE BASE, OR EQUIVALENT)
27. NEW ADJUSTABLE PIPE HANGER FOR 6" DIA DUCTILE IRON PIPE (CARPENTER & PATERSON FIG 100 C.I. CLEVIS HANGER, FIG. 94 3/4" DIA ALL-THREADED STEEL HANGER ROD AND FIG. 513 3/4" SELF-DRILLING ROD HANGER SHELL OR EQUIVALENT)



SECTION THROUGH WATER METER VAULT
NEW CONDITIONS
SCALE: 3/4"=1'-0"

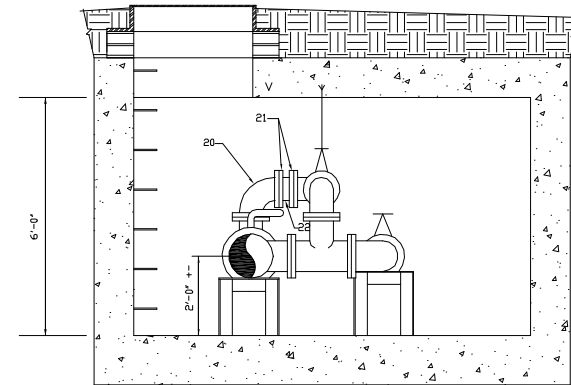
NOTE: AFTER ALL TESTING IS COMPLETED THE CONTRACTOR SHALL APPLY ONE COAT OF BITUMINOUS PAINT ON ALL NEW AND EXISTING NUTS, BOLTS, PIPE, SUPPORTS, HANGERS AND FRICTION CLAMPS. (BEFORE COATING EXISTING ITEMS REMOVE ALL LOOSE RUST AND SCALE.)

VNTSC				U.S. DEPARTMENT OF TRANSPORTATION RESEARCH AND SPECIAL PROJECTS ADMINISTRATION VOLPE NATIONAL TRANSPORTATION SYSTEMS CENTER 55 BROADWAY, CAMBRIDGE, MA 02142-1093			
DRAWN		SJC		REPAIRS TO WATER METER VAULT, BUILDING 1 NEW INSTALLATIONS			
CHECKED				SIZE (CODE IDENT NO) DRAWING NO. 00-0004			
APPROVED				SCALE AS NOTED DATE 12/8/99 JOB NO. SHEET 4 OF 4			
LTR		DATE		APPROVED			



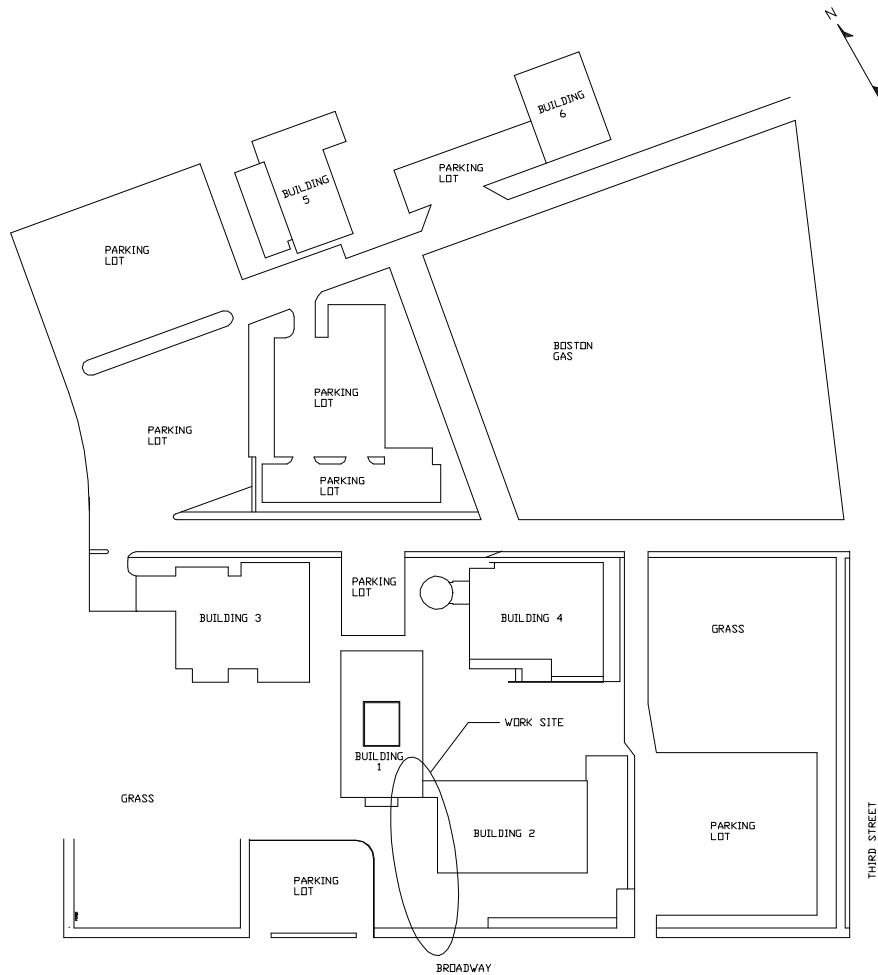
PLAN OF WATER METER VAULT
REMOVALS
SCALE: 3/4" = 1'-0"

1. REMOVE EXISTING DRESSER COUPLING ON EXISTING 12" DIA CAST IRON PIPES
2. REMOVE EXISTING 12" DIA CAST IRON PIPE
3. REMOVE EXISTING THREADED FLANGE BOLTED TO EXISTING CAST IRON TEE FITTING
4. REMOVE EXISTING CAST IRON FLANGED FITTING (12"x8" TEE, BOLTED)
5. REMOVE EXISTING CAST IRON FLANGED FITTING (12"x6" REDUCER, BOLTED)
6. REMOVE EXISTING STRUCTURAL STEEL PIPE SUPPORT (4"x4"x1/4" ANGLES AND 4"x1"x1/4" T.S. WELDED)
7. REMOVE EXISTING CAST IRON FITTING (6"x10" SUDDEN EXPANSION WITH 6" DIA. FLANGED OUTLET ON TOP)
8. REMOVE EXISTING THREADED FLANGE BOLTED TO EXISTING CAST IRON SUDDEN EXPANSION FITTING
9. REMOVE EXISTING 10" DIA CAST IRON PIPE
10. REMOVE EXISTING DRESSER COUPLING ON EXISTING 10" DIA. CAST IRON PIPES
11. REMOVE EXISTING STEEL FRICTION CLAMP ON EXISTING 10" DIA. CAST IRON PIPE
12. REMOVE EXISTING STEEL FRICTION CLAMP ON EXISTING 8" DIA. CAST IRON PIPE
13. REMOVE EXISTING DRESSER COUPLING ON EXISTING 8" DIA. CAST IRON PIPES
14. REMOVE EXISTING 8" DIA CAST IRON PIPE
15. REMOVE EXISTING THREADED FLANGE BOLTED TO EXISTING 8" GATE VALVE
16. REMOVE EXISTING 8" GATE VALVE (BOLTED)
17. REMOVE EXISTING 8" DOUBLE CHECK VALVE (BOLTED)
18. REMOVE EXISTING CAST IRON FLANGED FITTING (8" DIA. 90 DEGREE ELBOW, BOLTED)
19. REMOVE EXISTING CAST IRON FLANGED FITTING (8"x6" TEE, BOLTED)
20. REMOVE EXISTING CAST IRON FLANGED FITTING (6" DIA. 90 DEGREE ELBOW, BOLTED)
21. REMOVE EXISTING THREADED FLANGE BOLTED TO EXISTING CAST IRON 90 DEGREE ELBOW FITTING
22. REMOVE EXISTING 6" DIA CAST IRON PIPE
23. REMOVE EXISTING THREADED FLANGE BOLTED TO EXISTING 6" GATE VALVE
24. REMOVE EXISTING 6" GATE VALVE (BOLTED)
25. REMOVE EXISTING METAL PIPE SUPPORT HANGER
26. REMOVE EXISTING 6" DIA CAST IRON PIPE



SECTION THROUGH WATER METER VAULT
REMOVALS
SCALE: 3/4" = 1'-0"

				VNTSC		U.S. DEPARTMENT OF TRANSPORTATION RESEARCH AND SPECIAL PROJECTS ADMINISTRATION VOLPE NATIONAL TRANSPORTATION SYSTEMS CENTER 55 BROADWAY, CAMBRIDGE, MA 02142-1093				
				DRAWN		SJC		REPAIRS TO WATER METER VAULT, BUILDING 1 REMOVALS		
				CHECKED						
				APPROVED						
				APPROVED						
						SIZE	CODE	IDENT NO.	DRAWING NO.	00-0003
						D				
				SCALE		DATE		JOB NO.		SHEET
				AS NOTED		12/8/99				3 OF 4
A	4/25/00	SJC	TEXT							
LTR	DATE	APPD	REVISIONS							

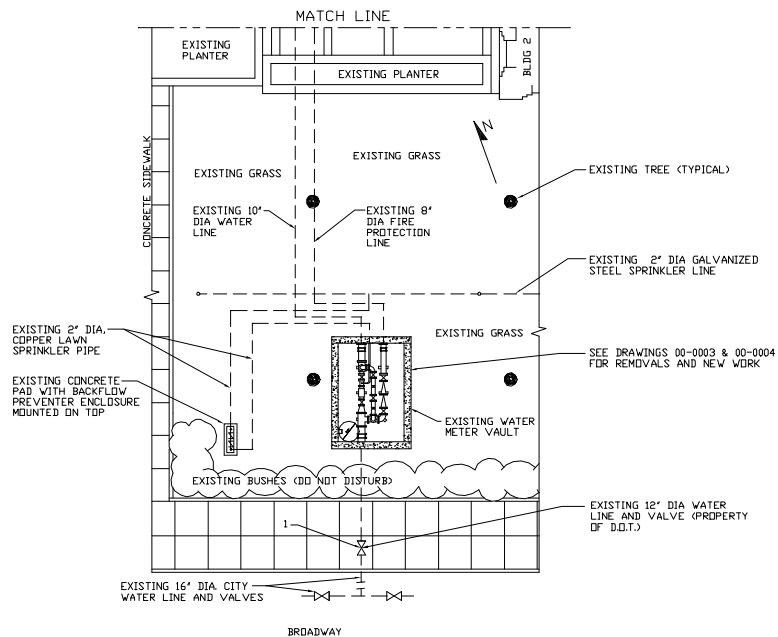


VOLPE CENTER PLAN
SCALE: 1" = 60'

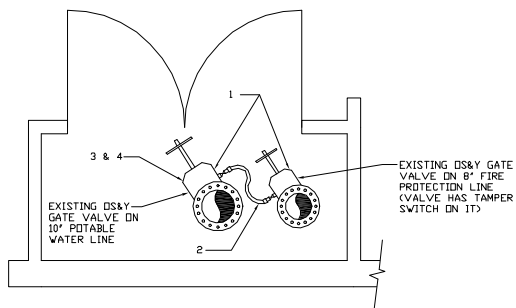
GENERAL NOTES:

1. THE CITY WATER PRESSURE IS APPROXIMATELY 60 PSI
2. PRIOR TO AWARD OF THIS CONTRACT THE CONTRACTOR MUST PROVIDE EVIDENCE TO THE GOVERNMENT THAT HE IS QUALIFIED AND EXPERIENCED TO PERFORM THE WORK IN THIS CONTRACT. SUCH EVIDENCE SHALL BE DEMONSTRATED BY HAVING PERFORMED SIMILAR TYPE WORK THE RECENT PAST.
3. SCHEDULE THE SHUT DOWN OF THE WATER SUPPLY SYSTEM FOR A FRIDAY MORNING, AS SOON AS THE WATER SUPPLY HAS BEEN SHUT OFF PURSUE ALL WORK TO COMPLETION AS QUICKLY AS POSSIBLE, WORKING ON FRIDAY, SATURDAY, SUNDAY SO THAT ALL WORK IS COMPLETE BY TUESDAY OF THE NEXT WEEK.
4. CONTRACTOR PERFORMING THE WORK MUST BE A LICENSED MASSACHUSETTS PIT FITTER
5. AFTER REMOVAL WORK HAS BEEN COMPLETED AND BEFORE THE NEW WORK HAS STARTED THE CONTRACTOR SHALL REMOVE ALL DIRT AND DEBRIS FROM THE FLOOR OF THE VAULT.

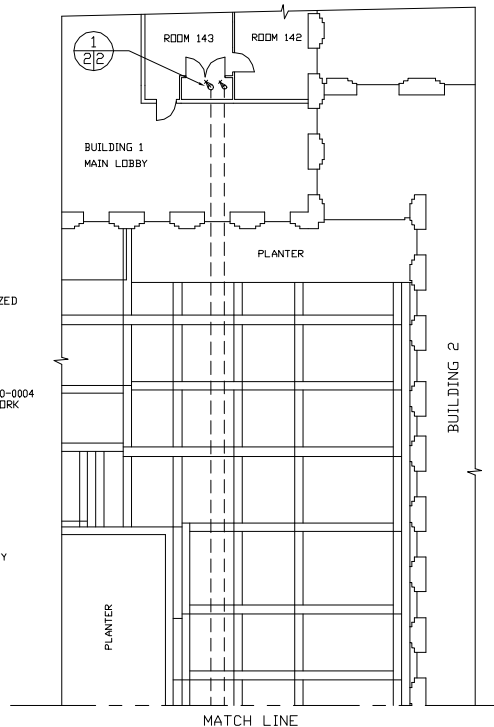
				VNTSC		U.S. DEPARTMENT OF TRANSPORTATION RESEARCH AND SPECIAL PROJECTS ADMINISTRATION VOLPE NATIONAL TRANSPORTATION SYSTEMS CENTER 55 BROADWAY, CAMBRIDGE, MA 02142-1093			
				DRAWN	SJC	REPAIRS TO WATER METER VAULT, BUILDING 1 LOCATION PLAN			
				CHECKED					
				APPROVED					
				APPROVED		SIZE	CODE	IDENT NO.	DRAWING NO.
						D			00-0001
A	4/25/00	SJC	TEXT						
LTR	DATE	APPD	REVISIONS						
				SCALE	DATE	JOB NO.	SHEET		
				AS NOTED	12/8/99		1 OF 4		



SITE PLAN
SCALE: 1/8" = 1'-0"



1
2/2 VALVE DETAIL, BUILDING 1
SCALE: 3/4" = 1'-0"



1. SHUT OFF GATE VALVES PRIOR TO BEGINNING WORK. OBTAIN PERMISSION FROM THE GOVERNMENT PRIOR TO SHUTTING THE VALVES. CONTRACTOR SHALL PURCHASE WRENCH TO SHUT OFF GATE VALVE UNDER THE SIDEWALK AND TURN THE WRENCH OVER TO THE GOVERNMENT AT THE COMPLETION OF THE CONTRACT.
2. AFTER VALVES HAVE BEEN SHUT OFF INSTALL A FLEXIBLE HOSE BETWEEN TWO HOSE BIB TYPE CONNECTIONS ON THE TOPS OF EACH VALVE. (HOSE AND CONNECTIONS SHOULD BE ABLE TO WITHSTAND THE WATER WHICH IS 60 P.S.I.) AFTER THE HOSE IS IN PLACE OPEN THE 3/4" GATE VALVES AT EACH END OF THE HOSE.
3. REPLACE ALL NUTS AND BOLTS ON UPPER AND LOWER FLANGES OF THE EXISTING GATE VALVE. REPLACE BOLTS ONE AT A TIME. BOLT SIZE IS APPROX. 5/8" DIA (VERIFY IN FIELD). MANY OF THE NUTS AND BOLTS ARE SO RUSTED THAT THEY MAY HAVE TO BE DRILLED OUT.
4. REMOVE ALL LOOSE RUST FROM THE VALVE BY SCRAPING AND WIRE BRUSHING. PRIME AND PAINT THE GATE VALVE (COLOR TO BE WHITE).

				VNTSC		U.S. DEPARTMENT OF TRANSPORTATION RESEARCH AND SPECIAL PROJECTS ADMINISTRATION VOLPE NATIONAL TRANSPORTATION SYSTEMS CENTER 55 BROADWAY, CAMBRIDGE, MA 02142-1093	
				DRAWN	SJC	REPAIRS TO WATER METER VAULT, BUILDING 1 SITE PLAN	
				CHECKED			
				APPROVED			
				APPROVED			
						SIZE D	CODE IDENT NO
						DATE	DRAWING NO.
						AS NOTED	00-0002
						JOB NO.	SHEET
							2 OF 4